# *Biodata*

Name **Dr. NARESH KUMAR MEHTA**

**Assistant Professor**

Address for correspondence Department of Fish Processing Technology &Engg., College of Fisheries, Lembucherra, Agartala(west)- Tripura 799210, Mobile: 91+ 9967088756

Email- nareshfishco@gmail.com


## ACADMIC QUALIFICATION

| Class/degree | Board/University | Major subject | Year of passing |
|---|---|---|---|
| 10th | RBSE, Ajmer | All Compulsory | 2002 |
| 12 th | RBSE, Ajmer | Science | 2004 |
| B.F.Sc. | MPUAT, Udaipur | Fisheries Science | 2008 |
| M.F.Sc. | KVAFSU, Bidar | Fish Processing Technology | 2010 |
| PhD | CIFE, Mumbai | Post Harvest Technology | 2016 |
| National Eligibility Test **(NET)** | ASRB/ICAR, New Delhi | Fish Harvest and Post-Harvest Technology | 2012 |

## PRESENT ENGAGEMENT

- **I am working as Assistant Professor in Dept. of Fish Processing Technology and Engineering at College of Fisheries, CAU (I), Lembucherra, Agartala, Tripura from October 22, 2016.**

## WORK EXPERIENCE

1. Worked as Teaching Associate in the Department of Fish Processing Technology & Engg., College of Fisheries, Agartala **from January 21, 2016 to October 21, 2016**.

2. Worked as Senior Research Fellow (SRF) at Krishi Vigyan Kendra, Banswara (Rajasthan) in National Agriculture Innovation Project (NAIP) from **14 December, 2010 to 23 September, 2011.**

## PUBLICATIONS

***Full length peer reviewed Research Paper***

1. Sharma, S., Majumdar, R. K., Siddhnath, K., **Mehta, N. K**., Saha, A., & Gupta, S.,**2019. .** Effects of Partial and Complete Replacement of Synthetic Cryoprotectant with Carrot ( *Daucus carota*) Concentrated Protein on Stability of Frozen Surimi. ***Journal of Aquatic Food Product Technology, 28*(8), 808-820.**
2. Sunil Kumar Sahu, **N. K. Mehta**, Swapnarani Samantaray, R. K. Majumdar. **2018**. Incid ence of Formalin in Fishes in Asian Countries: Some Solutions. ***World Aquaculture*** 43 ( 9), 66-69.
3. Rupali Das, **N. K. Mehta**, RK Majumdar, **2018**. Seasonal variations in biochemical and microbiological quality of three important dried fishes from Tripura market. **Internation al Journal of Fisheries and Aquatic Studies**. 6(6): 16-25

4. Muhasinath M.A., **Mehta, N.K**., Chouksey, M.K. and Nayak, B.B**. 2018.** Effect of dela y in Deskinning and Lipid Oxidation on Pink Discoloration of Squid during ice storage. ***Proceeding of National Academy of Science Section B: Biological sciences***. http:doi.or g/10.1007/s40011-017-0952-y.

5. Siddhnath Kumar; Ranendra Majumdar, Janmejay Parhi, Sanjeev Sharma; **Mehta, N. K.** , Martina Laishram, **2018.** Detection and characterization of Shiga toxin-producing Esch erichia coli from carps from integrated aquaculture system. **Aquaculture, 487: 97-101**.

6. **Naresh Kumar Mehta** and Binaya Bhusan Nayak, **2017.** Bio-Chemical Composition, Functional and Rheological Properties of Fresh Meat from Fish, Squid and Shrimp: A Comparative Study**. International Journal of Food Properties**. **20(1):S707-S721.**

7. **Naresh Kumar Mehta**, Chauksey M. K, Tripathi, G., Amjad K. Balange and Binaya Bhusan Nayak. **2017**. Physico-chemical and gel properties of myofibrillar protein from sin croaker (*Johnius dussumieri*) fish during ice storage. **Journal of Aquatic Food Product Technology**. **26(1): 71-85.**

8. Singh, V., Ram, R. K., Deshmuke, G., Dwivedi, A., Khilari, R. A., Lende, S.R., Kumavat, T.C., Jayant, M., Sumara M.A.K., **Mehta, N. K .** and Desai A.Y., **2017**. Preference of Intertidal Faunal Communities towards the Seaweeds along The Srivardhan Coast, Maharashtra State. **Journal of Experimental Zoology, India,** Vol. 20 (2), 10-16.

9. **Naresh Kumar Mehta** and Shamasundar, B. A., **2016**. Changes in Chemical and Sensory properties of Freshwater Fish (Indian Major Carps) during Ice Storage. ***Progressive agriculture (An International Journal)*. 16 (1):77-82.**

10. **Naresh Kumar Mehta,** Amjad K. Balange, Manjusha Lekshmi and Binaya Bhusan Nayak, **2016.** Changes in dynamic viscoelastic and functional properties of Indian squid mantle during ice storage**.** ***Journal of Food Processing and Preservation.*** **doi:10.1111/jfpp.12891**. Accepted for Publication on January 26, 2016**.**

11. **Naresh Kumar Mehta,** Amjad K. Balange and Binaya Bhusan Nayak, **2016**. Advent of Rheology in Fish Products Development. ***Aquaculture times,*** 1(3):46-48.

12. **Naresh Kumar Mehta**, Snehal S. Shitole and Binaya Bhusan Nayak, **2015.** Proximate composition and fatty acid profile of commercially important sin croaker fish caught along the Mumbai coast. ***Journal of Environment and Bio-science.*** **29 (2):301-304**

13. **Naresh Kumar Mehta**, Elaversan, K., Manjunatha Reddy, A. and Shamasundar , B. A. , **2014.** Effect of ice storage on the functional properties of proteins from a few species o f fresh water fish (Indian major carps) with special emphasis on gel forming ability. ***Jou rnal of Food Science and Technology,*** **51(4):655-663.**

## *Popular Articles in fisheries*

1. AD Upadhyay, **Naresh K Mehta,** Y Jackie Singh and P Pal. **2018**. Women's Participation in Value Addition and Trading of Fish in Manipur, India. Fishing chimes. 38 (1,2):13-16

2. Manjunatha Reddy, Elavarasan, K.A., Shweta Joshi and **Naresh Kumar Mehta, 2013 (March).** Surimi based value addition for the better utilization of fresh water of fresh water carps. ***Aqua Tech,*** *pp-78-79***.**
3. **नरेश कुमार मेहता** एवं सुबोध कुमार शर्मा 2012 (अगस्त) **वैज्ञानिक प्रबन्धन से मछली पालन** ***राजस्थान खेती–प्रताप*****pp-23-25.**
4. **Naresh Kumar Mehta,** Elavarasan, K. and Manjunatha Reddy, A., **2011**. Fish oils and their importance for mankind. ***Fishing Chimes. 31(5),*** pp-43-45.
5. **बी.के. शर्मा एवं नरेश कुमार मेहता, 2011 (जनवरी), मछली के बहुआयामी महत्व (Multidimensional Importance of Fish).** ***राजस्थान खेती–प्रताप,*** **pp-29-30.**
6. Elavarasan, K. Manjunatha Reddy, A. and **Naresh Kumar Mehta, 2010**. Bioactive peptide from fish protein hydrolysates- A novel approach. ***Aqua-international***, pp-20-23.
7. **बी.के.शर्मा एवं नरेश कुमार मेहता, 2008 (अगस्त). मत्स्य तालाब की उत्पादकता को प्रभावित करने वाले कारक (Factors affecting fish pond productivity).** ***राजस्थान खेती–प्रताप,*** **pp-23-25.**

## Externally funded Project (as CO-PI)

Ongoing-

1. Agriculture innovation Centre under *Rashtriya Krishi Vikas Yojana*-Remuneratve Approac hes for Agriculture and Allied Sector Rejuvenation (RKVY-RAFTAAR)- From march 2019.

2. Centre of Excellence on Fisheries and Aquaculture Biotechnology (CoE-FAB), Phase-II " under DBT's Programme for NER. From Nov. 2019.

## Student Guidance as Major Advisor

| Sn | Students name | Title of dissertation | Year |
|---|---|---|---|
| **PhD student** | | | |
| 1 | Hemant Hari Tripathi FPT(PhD)-01/19 | Under course work | 2019-22 |
| **M.F.Sc. students** | | | |
| 1. | Rupali Das (FPT-03/16) | Evaluation of Seasonal Variation in Physico-Chemical and Microbiological Quality of Selected Dried Fishes Available in Tripura Market. | 2016-18 |
| 2. | Sunil Kumar Sahu (FPT-03/17) ***DNC** | Effect of washing, ice storage and frying on retention of formaldehyde and quality of Catla fish (*Catla catla*, Hamilton) | 2017-19 |
| 3. | Swapnarani Samantray (FPT-02/17) | Effect of multiple freezing thawing cycles on the quality of Indian major carps | 2017-19 |
| 4. | Banalata Rout | Characterization of freshwater mollusc (*Brotia costula*) meat and it's in vitro studies for bioactivity | 2018-20 |
| 5. | Kumar Gaurav | Under course work | 2019-21 |

***DNC-Did not complete**

## Trainings conducted

| S. N. | Training title | Role | Duration | Funded by |
|---|---|---|---|---|
| 1. | ICAR-Sponsored Winter School "Recent advances in fish processing, value addition and fish waste management | Coordinator | 7-27 January, 2020 | ICAR, New-Delhi |
| 2. | Training Program on Post-Harvest Management of fish and Valorization of fish | Co-coordinator | 26/02/19 to 2/03/19 | CAU, Manipur |
| 3. | Training Program on "Scope of entrepreneurship in fisheries sector in north east India" | Co-coordinator | 20-20 Nov. 2019 | RKVY-RAFTAAR, Ministry of Agri.& farmer welfare, New-Delhi |
| 4. | Training Program on "Post-harvest management of fish and value addition" | Co-coordinator | 19-23 march, 2018 | CAU, Manipur |

## SPECIAL ACHIEVEMENTS

- Earned **THE BEST PHD THESIS AWARD** for the academic year 2016-17 from Central Institute of Fisheries Education, Mumbai.
- Awarded **SENIOR RESEARCH FELLOWSHIP (SRF)** from Indian Council of Agricultural Research (**ICAR**) to carry out Doctoral Degree programme (2011-14).
- Awarded **JUNIOR RESEARCH FELLOWSHIP (JRF)** from Indian Council of Agricultural Research (**ICAR**) to carry out Master Degree programme (2008-10).
- Awarded **S. J. JINDAL TRUST SCHOLARSHIP** during my whole Bachelor degree (B.F.Sc.) programme (2004-08).

## RADIO TALK

| Title of the talk | Station name | Date of broadcasting |
|---|---|---|
| बांसवाड़ा जिले में मछली पालन की सम्भावनाएं (possibilities of fish culture in Banswara district) | All India Radio, Banswara | 27.06.2011 |

## Professional Memberships

- **Coordinator,** Tripura state of Society of Fisheries and Life Science, Mangalore, Kanataka
- **Life Member** of North East Society for Fisheries and Aquaculture, Agartala**,** Tripura
- **Student president**, Central Institute of Fisheries Education, Mumbai, India (May, 2013 to May 2014)
- MEMBER, **Academic Council** Of Central Institute of Fisheries Education, Mumbai, India (May, 2013 to May 2014)
- Member, Professional Fisheries Graduates' Forum (PFGF) Mumbai, Maharashtra, India.

- Member, All India Agricultural Students Association (AAISA), New Delhi.
- Member, Alumni Association, Central Institute of Fisheries Education, Mumbai, Maharashtra, India
- Member, College of Fisheries alumni association (COFAA), Mangalore, Karnataka, India

**DECLARATION**

The information furnished above in the document is true and best of my knowledge and belief.

Place- Agartala, India

Date: February, 2020

_____ (Naresh Kumar Mehta)